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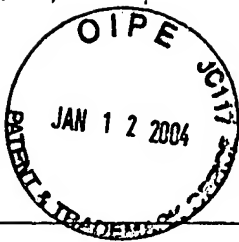
<h1 style="margin: 0;">TRANSMITTAL FORM</h1> <p style="margin: 5px 0;">(to be used for all correspondence after initial filing)</p>	Application Number	10/665,861	
	Filing Date	September 18, 2003	
	First Named Inventor	Jose Arno, et al.	
	Group Art Unit	TBA	
	Examiner Name	TBA	
Total Number of Pages in This Submission		Attorney Docket Number	ATMI-317-CIP-2

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <div style="margin-left: 20px;"><input type="checkbox"/> Fee Attached</div> <input type="checkbox"/> Amendment / Reply <div style="margin-left: 20px;"><input type="checkbox"/> After Final</div> <div style="margin-left: 20px;"><input type="checkbox"/> Affidavits/declaration(s)</div> <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <div style="margin-left: 20px;"><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53</div>	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <div style="margin-top: 10px;"><b>Copies of 14 references</b></div>
<div style="border: 1px solid black; display: inline-block; width: 100px; height: 20px; vertical-align: top; margin-bottom: 5px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Margaret Chappuis, Reg. NO. 45,735
Signature	
Date	January 8, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited pursuant to 37 C.F.R. 1.8 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: <span style="border: 1px solid black; padding: 0 20px;">1-8-2004</span>			
Type or printed name	Lee Ann DiLello		
Signature		Date	1-8-2004

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ATMI-317-CIP-2  
Customer No.: 25559

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Jose Arno, et al.

Group Art Unit: TBA

U.S. Application No.: 10/665,861

Examiner: TBA

Filed: September 18, 2003

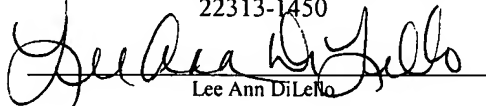
Title: APPARATUS AND METHOD FOR POINT-OF-USE TREATMENT OF EFFLUENT  
GAS STREAMS

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22313-1450

  
Lee Ann DiLello

1-8-2004

Date

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**INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

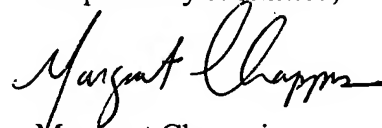
Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required in accordance with 37 CFR § 1.56 and § 1.97(b).

- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application, which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ c. Attached is our check no. \_\_\_\_ in the amount of \$180 in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. 50-0860 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. \_\_\_\_ in the amount of \$130.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. \_\_\_\_ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ 4. (other):

Applicant does not believe that any additional fee is due in connection with the foregoing. However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Margaret Chappuis". The signature is fluid and cursive, with a long horizontal stroke at the end.

Margaret Chappuis  
Registration No. 45,735  
Agent for Applicant

Date: 1-8-2004  
Advanced Technology Materials, Inc.  
7 Commerce Drive  
Danbury, CT 06810  
Agent Ref: ATMI-317-CIP-2

FORM PTO-1449    US Dept. of Commerce Patent and Trademark Office				ATTORNEY DOCKET NO.		SERIAL NO.			
<b>INFORMATION DISCLOSURE STATEMENT</b> (use several sheets if necessary) <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">PATENT</div> <div style="text-align: center;"> <b>JAN 12 2004</b>  <small>RECEIVED</small> </div> </div>				317 CIP-2		10/665,861			
				APPLICANT					
				Jose I. Arno et al					
				FILING DATE				GROUP	
September 18, 2003				TBA					
<b>U.S. PATENT DOCUMENTS</b>									
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
<b>FOREIGN PATENT DOCUMENTS</b>									
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES    NO		
<b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>									
	CA	A. J. Teller, "The Rosette, A new packing for diffusional operations based on high interstitial holdup" Chemical Engineering Progress, Vol. 50, No. 2 pp. 65-71.							
	CB	Gmelin Handbook, F. Suppl. Vol. 4, page 45							
	CC	Gmelin Handbook, F. Suppl. Vol. 4, page 43							
	CD	SoPhTec® International, "Water Conditioning Products for Home and Business" Promotional Pamphlet							
	CE	K.J. Kronenberg, "Magnetized" Aqua Magazine, August 1993							
	CF	A.J. Teller, "A New Packing for Diffusional Operations Based on High Interstitial Holdup", Chemical Engineering Progress, Vol. 50, No. 2, pgs. 65-71							
	CG	"The Biological Effect", SoPhTec® International, Science-Marketing-Technology, Spring 1995, p. 2							
	CH	"Magnetic Water Treatment in Agriculture", SoPhTec® International, Science-Marketing-Technology, Spring 1995, p. 3							
	CI	"The Influence of Magnetically Treated Water on Ornamental Plants", SoPhTec® International, Science-Marketing-Technology, Spring 1995, p. 2							
EXAMINER					DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.									

FORM PTO-1449    US Dept. of Commerce Patent and Trademark Office			ATTORNEY DOCKET NO. 317 CIP-2		SERIAL NO. 10/665,861		
INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)			APPLICANT Jose I. Arno et al				
			FILING DATE September 18, 2003		GROUP TBA		
			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES    NO
OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)							
	DA	"Chemistry-Engineering-Application Principles", SoPhTec® International, Science-Marketing-Technology, Spring 1995, p. 5					
	DB	"Fuel Conditioning Perspective", SoPhTec® International, Science-Marketing-Technology, Spring 1995, p. 6					
	DC	Pontius, F. W. "Water Quality and Treatment", 4 <sup>th</sup> Ed. , McGraw-Hill 1990, p. 359.					
	DD	T. Herman et al, "Efficiently handling effluent gases through chemical scrubbing" American Institute of Physics Conference Proceedings 166, Photovoltaic Safety, Denver CO 1988					
	DE	Gmelin Handbook, F. Suppl. Vol. 2, page 92-191					
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							

FORM PTO-1449 U.S. Dept. of Commerce Patent and Trademark Office JAN 12 2004 INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		ATTORNEY DOCKET NO. 317 CIP-2 APPLICANT Jose Arno FILING DATE September 18, 2003		SERIAL NO. 10/665,861 GROUP TBA		
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,480,557	Kawasaki, et al.			
	AB	5,607,654	Lerner			
	AC	4,029,576	Shivers			
	AD	5,814,227	Pavlis			
	AE	5,683,587	Ferrara, et al.			
	AF	5,620,501	Tamhankar, et al.			
	AG	4,555,389	Soneta, et al.			
	AH	5,779,998	Tom			
	AI	5,846,275	Lane, et al.			
	AJ	5,338,518	Marion, et al.			
	AK	4,005,010	Lunt			
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASSES	TRANSLATION YES      NO
						X (abstract only)
<b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>						
EXAMINER				DATE CONSIDERED		
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FORM PTO-1449      US Dept. of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO. 317-CIP-2		SERIAL NO. 10/665,861				
INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		APPLICANT Jose Arno, et al.						
		FILING DATE September 18, 2003		GROUP TBA				
<b>U.S. PATENT DOCUMENTS</b>								
INITIAL	PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	BA	5,480,557	1/2/96	Kawasaki, et al.				
	BB	5,607,654	3/4/97	Lerner				
	BC	4,029,576	6/14/77	Shivers				
	BD	5,814,227	9/29/98	Pavlis				
	BE	5,683,587	11/4/97	Ferrara, et al.				
	BF	5,620,501	4/15/97	Tamhankar, et al.				
	BG	4,555,389	11/26/85	Soneta, et al.				
	BH	5,779,998	7/14/98	Tom				
	BI	5,846,275	12/8/98	Lane, et al.				
	BJ	5,338,518	8/16/94	Marion, et al.				
	BK	4,005,010	1/25/77	Lunt				
	BL	5,935,283	8/10/1999	Sweeney, et al.				
	BM	09/212,107		Jose Arno, et al.		12/15/1998		
	BN	09/086,033		Jose Arno, et al.		5/28/1998		
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	BO	62136230	6/19/1987	Japan			X (abstract only)	
<b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>								
EXAMINER					DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.								

